



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AF
2651

In re application of : November 18, 2004

H. Asano et al.

Group Art Unit: 2651 : Examiner: Natalia Figueroa

Serial No.: 10/040,115 : Filed: 01/03/2002

Attorney Docket: ARC92001005US1 : Confirmation No.: 8776

Title: **MULTIPLE LEVEL (ML), INTEGRATED SECTOR FORMAT (ISF), ERROR CORRECTION CODE (ECC) ENCODING AND DECODING PROCESSES FOR DATA STORAGE OR COMMUNICATION DEVICES AND SYSTEMS**

AMENDMENT AFTER FINAL

Commissioner for Patents
Mail Stop AF
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED
NOV 30 2004
Technology Center 2000

Sir:

This paper is in response to a Final Office Action (paper 6) for the above-identified application mailed on December 10, 2003. Claims 1-9 are pending. Claims 1-2, 4-5, and 9 are rejected as unpatentable over combinations of Tetsuya (EPO 0481752A1), Takashi (USPN 6519715), Lee (USPN 6405342), and Ofer (USPN 5719885). Claims 3, 6, and 7 are deemed allowable if rewritten in independent form. Claim 8 is allowed. Entry of the amendments below, which are believed to place the application in better condition for allowance or appeal, is respectfully requested.

11/29/2004 HALI11 00000066 090441 10040115
01 FC:1201 88.00 DA

ARC920010055US1

COMMISSIONER FOR PATENTS
ALEXANDRIA, VA 22313 E

Docket No. ARC920010055US1
(PATENT)

SIR:

Transmitted herewith for filing in the Application of H. Asano et al.

Serial No.: 10/040,115

Title: **MULTIPLE LEVEL (ML), INTEGRATED SECTOR FORMAT (ISF), ERROR CORRECTION CODE (ECC) ENCODING AND DECODING PROCESSES FOR DATA STORAGE ON COMMUNICATION DEVICES AND SYSTEMS**

are the following:

Change of Correspondence
Formal drawing sheets
✓ Amendment After Final
Response/Amendment
Response to Restriction Requirement
Letter to Drawing Review Branch
Certificate of Correction
Other : *Supplemental Oath*

Information Disclosure Statement
Declaration and Power of Attorney
Assignment of the Invention (\$40.00)
Notice to File Missing Parts (\$130.00)
Petition for Extension of Time (\$110.00)
Issue Fee (\$1,290.00)
Notice of Appeal (\$300.00)
Appeal Brief (\$300.00)

NO ADDITIONAL FEE IS REQUIRED

RECEIVED
NOV 30 2004
Technology Center 2600

| OTHER THAN A SMALL ENTITY | Claims Remaining After Amendment | Highest No. Previously Paid for | Extra | Rate | Additional Fee |
|-------------------------------|---|---------------------------------------|-------|--------|-------------------|
| SUBTOTAL FROM ABOVE | | | | | \$0.00 |
| TOTAL CLAIMS | 4 | 9 | 0 | × 18 = | 0.00 |
| INDEPENDENT CLAIMS | 4 | 3 | 1 | × 88 = | 88.00 |
| MULTIPLE DEP. CLAIM PRESENTED | | | | +280 = | |
| TOTAL | | | | | \$88.00 |

- ✓ Please charge my Deposit Account No. 09-0441 in the amount of \$88.00. A duplicate copy of this sheet is attached.
- ✓ The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or any patent application processing fees under 37 CFR 1.17 in association with this communication or credit any overpayment to Deposit Account No. 09-0441. A duplicate copy of this sheet is attached.

CERTIFICATE OF MAILING

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed with sufficient postage to Commissioner for Patents, Mail Stop AF, P.O. Box 1450, Alexandria, VA 22313-1450

Date of Deposit: November 18, 2004

Person mailing paper/fee: Marc D. McSwain

Signature

Marc D. McSwain

Respectfully submitted,
H. Asano et al.

Marc D. McSwain
Marc D. McSwain (#44,929)
Agent for Applicants
Telephone (408) 927-3364
IBM Corporation
Intellectual Property Law
Dept. C4TA/J2B
650 Harry Road
San Jose, CA 95120-6099